

Preface to the CoopIS 2023 Demonstration Track

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This volume contains the papers presented at the Demonstration Track of the 29th International Conference on Cooperative Information Systems (CoopIS 2023), hosted by the Bernoulli Institute for Mathematics, Computer Science, and Artificial Intelligence of the University of Groningen, in Groningen, the Netherlands.

The CoopIS 2023 Demonstration Track aims to showcase innovative tools, services, and applications aligned with the conference’s guiding theme of “Human-centric Information Systems.” These demonstrations encapsulate the practical application of research papers submitted to the conference, along with innovative tools and applications stemming from research initiatives or industry. We received 13 submissions, of which 7 were accepted. Tools covering a broad range of Information Engineering, Knowledge Discovery, and Human-Centered Design topics were presented in this edition.

The received papers span an array of topics demonstrating the breadth and depth of interests within the Cooperative Information Systems community. Papers delved into machine learning techniques for sentiment analysis, unsupervised learning for medical recommendation systems, privacy-preserving data aggregation in personal data management systems, and process mining applications among others. Additionally, several papers showcased the development of web-based tools aimed at enhancing interaction, understanding, and ease of use for individuals, which aligns with the conference’s theme of human-centric information systems.

The contributions reflect the value the community places on the implementation of usable applications and tools that transcend proof-of-concept implementations to share their research results. These tools and applications exemplify the support that the Cooperative Information Systems community can extend to researchers, practitioners, and the industry worldwide.

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